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(54) PISTON OF INTERNAL COMBUSTION ENGINE

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(57) Abstract:

PURPOSE: To prevent the friction of a snap ring by forming an oil passage leading to the snap-ring engagement groove on the inner wall of a piston pin hole from the oil ring groove on the outer periphery of a piston.

CONSTITUTION: Annular grooves 2aW2c for fitting a piston ring are formed onto the outer periphery of a piston 1. A piston pin hole 4 for the insertion of a piston pin 3 is formed onto the lower part of the piston 1, and a pair of engagement grooves 5 having the semicircular section are formed at the position corresponding to the both edge parts of the piston pin 3, on the inner surface of the piston pin hole 4. A ring-shaped snap ring 6 is engaged into the groove 5. An oil passage 7 is formed obliquely towards the snap-ring engagement groove 5 from the bottom part of the oil ring groove 2c out of the annular grooves 2aW2c. Therefore, the friction between the engagement groove is reduced by feeding lubricating oil onto the outer peripheral surface of the snap ring.

